Title: VARIABLE DATA PRINTING WITH WEB BASED IMAGING
Inventor(s): Shell SIMPSON et al.
Appl. No.: 10008207-1

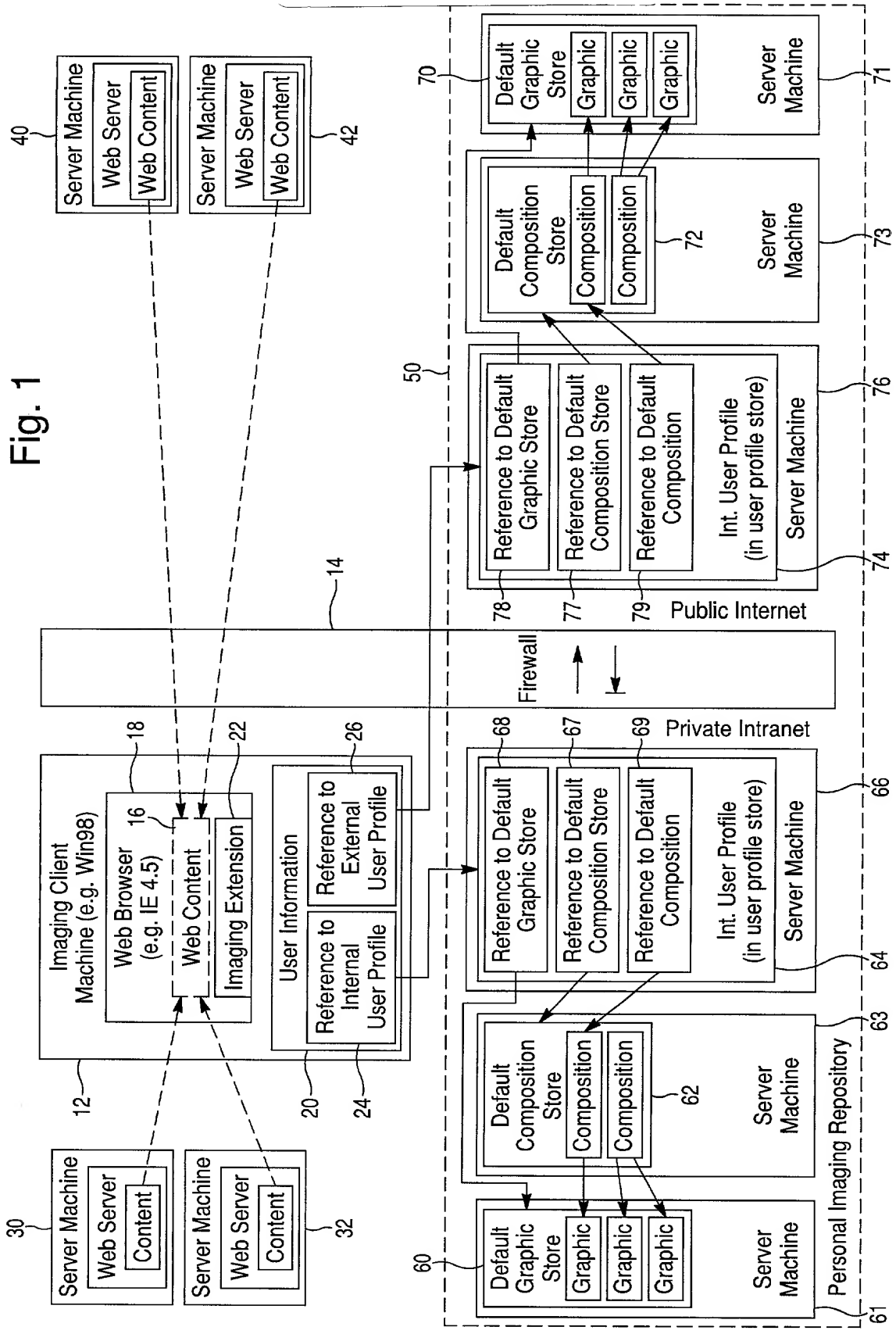

Fig. 1

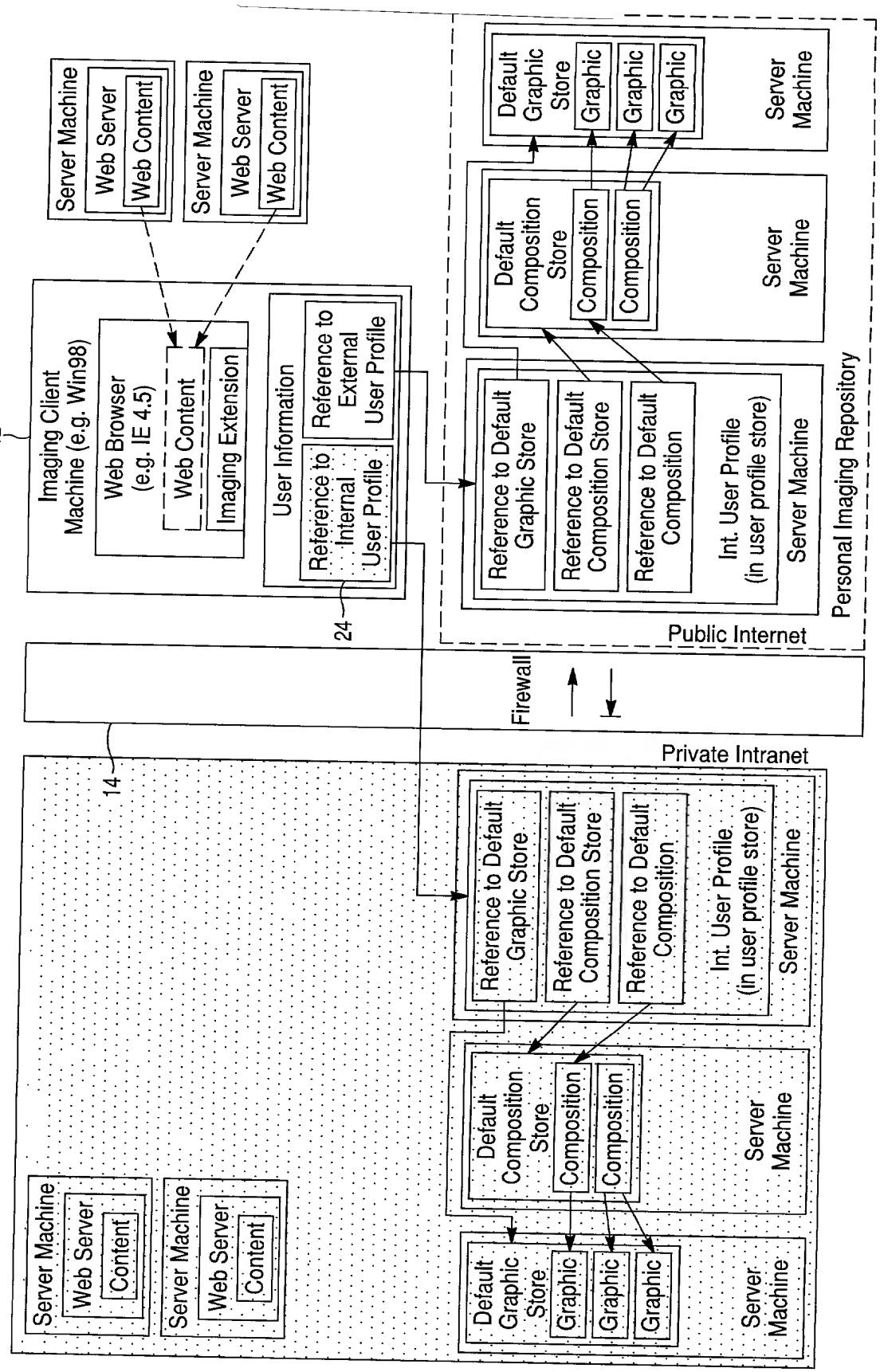
Server Machine
Web Server
Web Content
Server Machine
Web Server
Web Content
Imaging Client Machine (e.g. Win98)
12
Web Browser (e.g. IE 4.5)
Web Content
Imaging Extension
User Information
Reference to Internal User Profile
Reference to External User Profile
24
Default Graphic Store
Graphic
Graphic
Graphic
Server Machine
Default Composition Store
Composition
Composition
Server Machine
Reference to Default Graphic Store
Reference to Default Composition Store
Reference to Default Composition
Int. User Profile (in user profile store)
Server Machine
Personal Imaging Repository
Public Internet
Firewall
Private Intranet
14
Reference to Default Graphic Store
Reference to Default Composition Store
Reference to Default Composition
Int. User Profile (in user profile store)
Server Machine
Default Composition Store
Composition
Composition
Server Machine
Default Graphic Store
Graphic
Graphic
Graphic
Server Machine
Server Machine
Web Server
Content
Server Machine
Web Server
Content

Fig. 2

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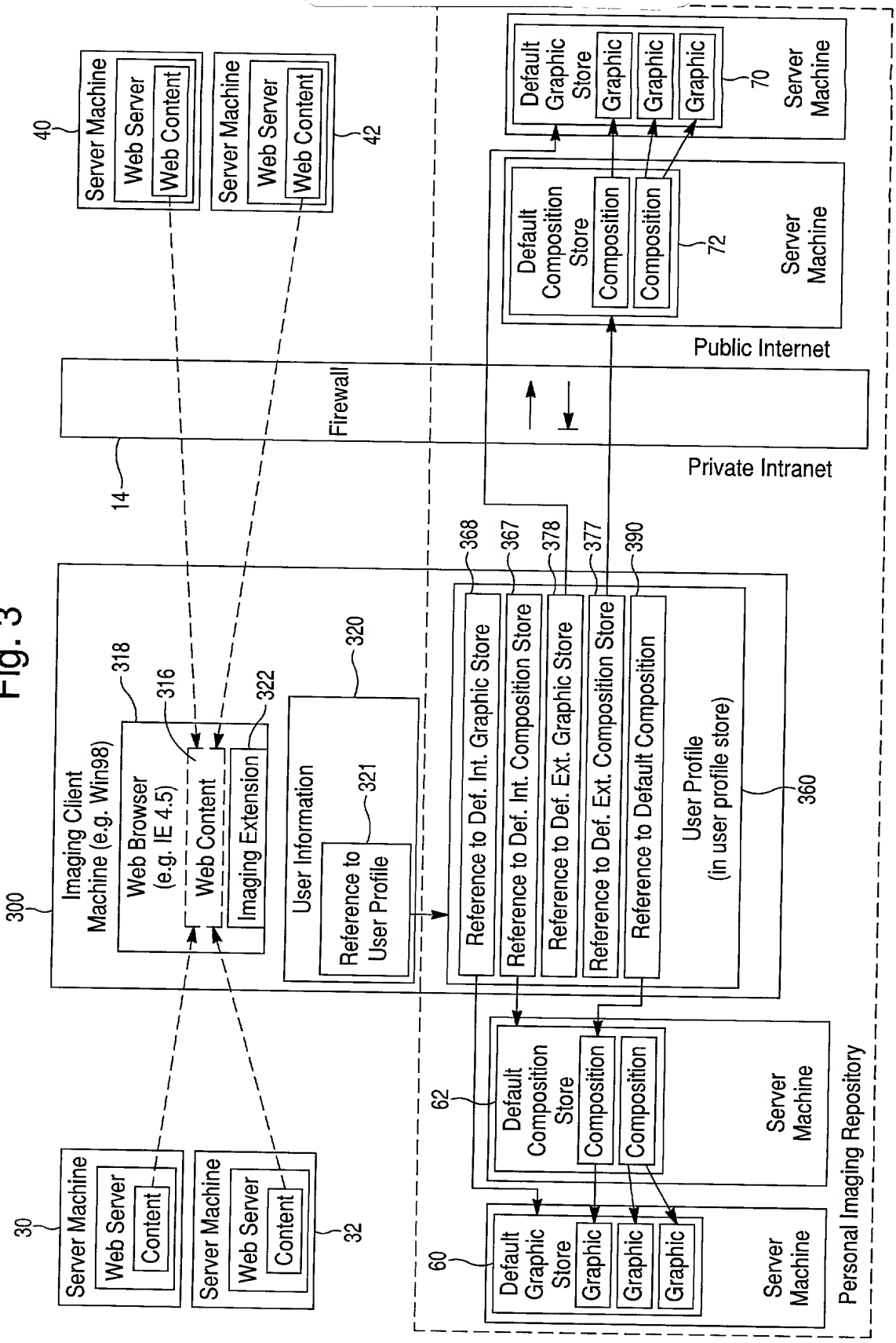

Fig. 3

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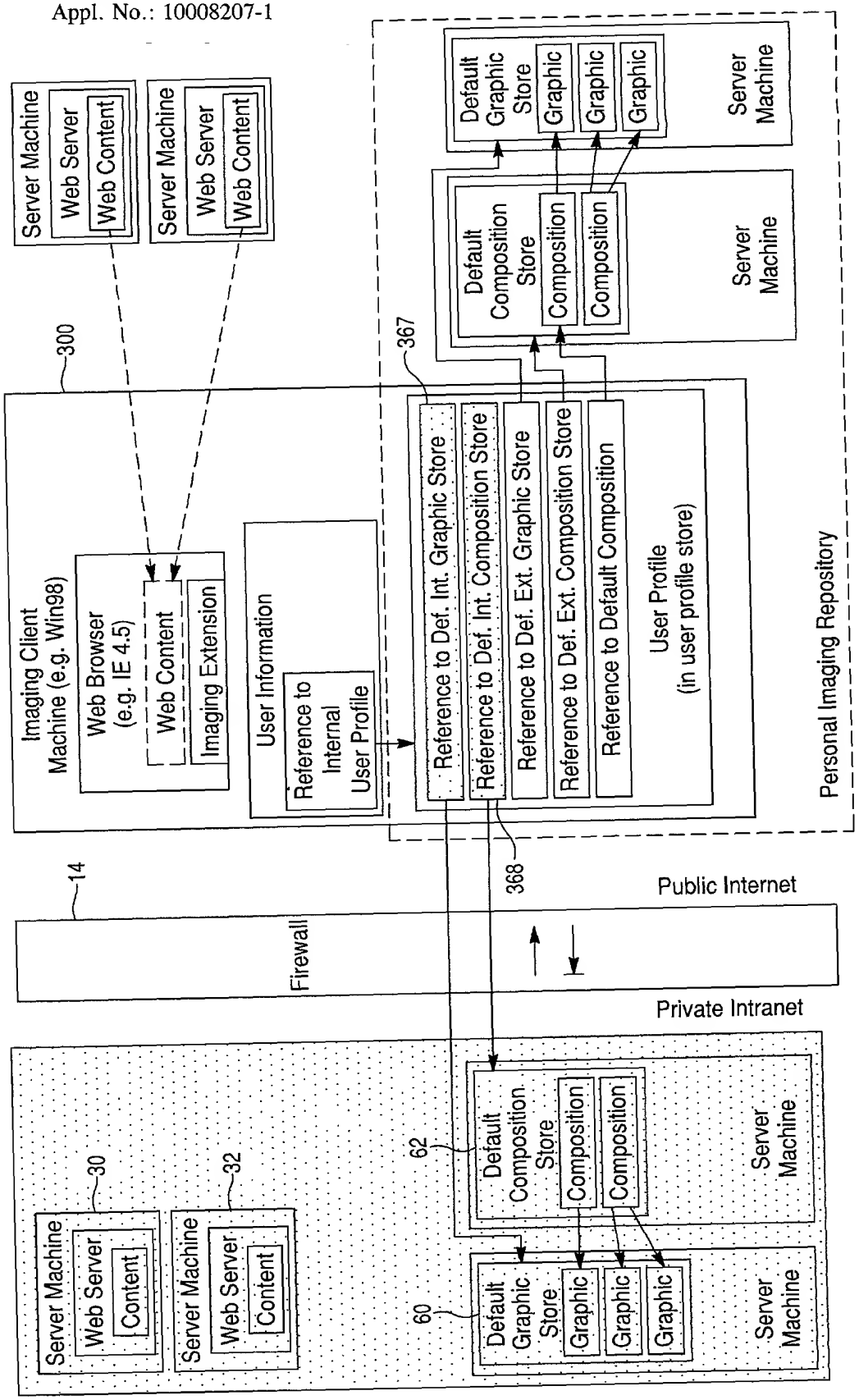
Fig. 4



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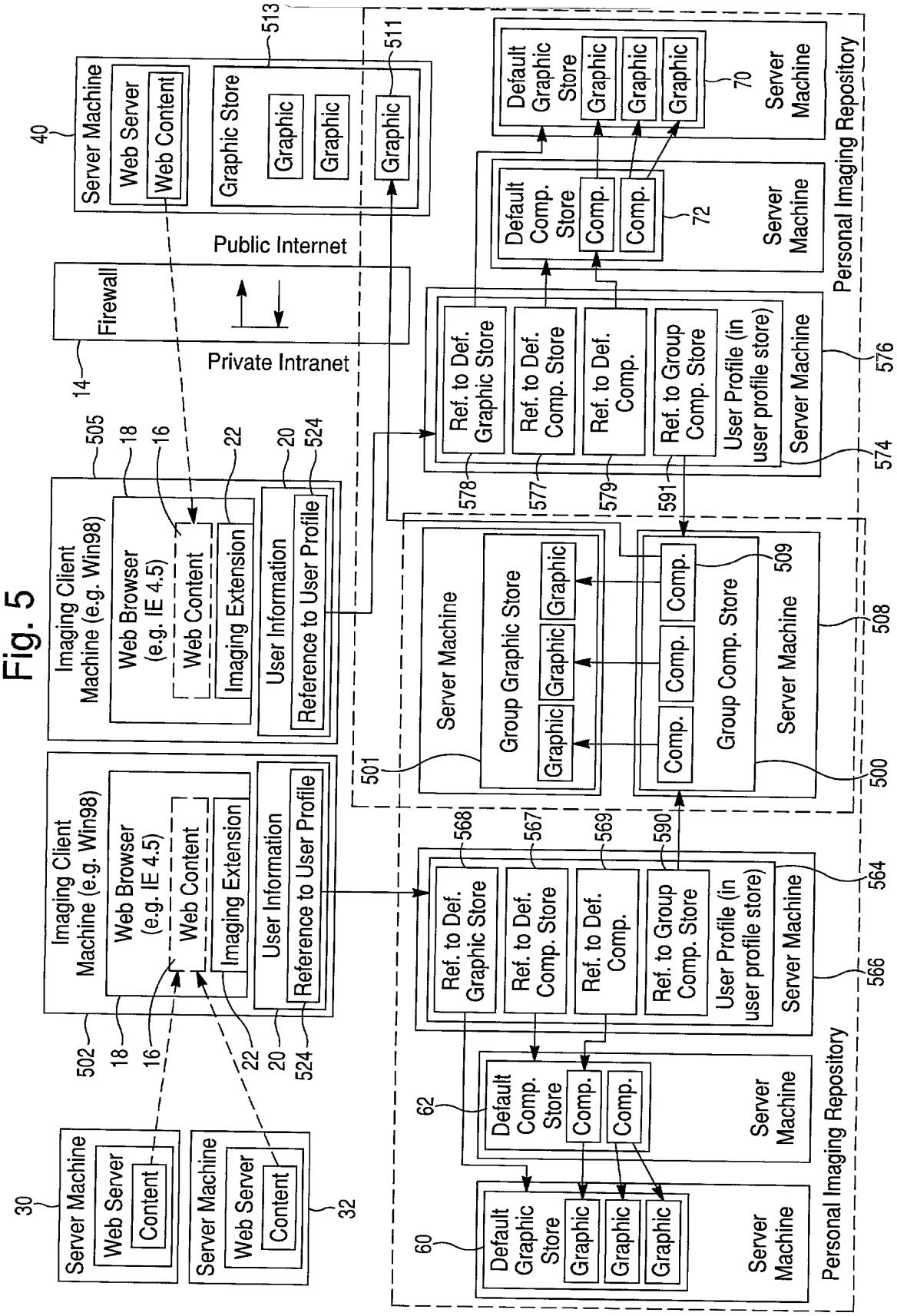


Fig. 5

Fig. 6A

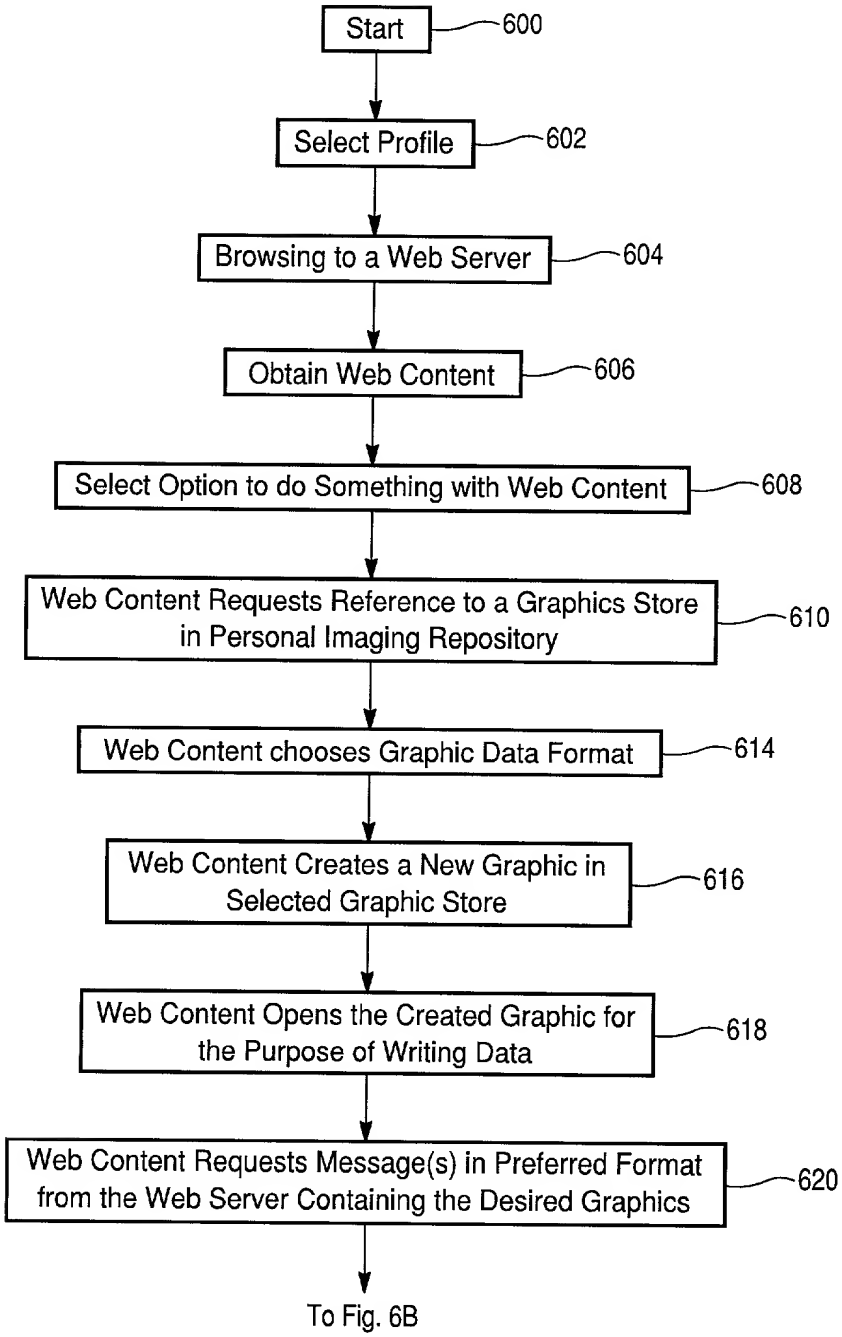

Start
600
Select Profile
602
Browsing to a Web Server
604
Obtain Web Content
606
Select Option to do Something with Web Content
608
Web Content Requests Reference to a Graphics Store in Personal Imaging Repository
610
Web Content chooses Graphic Data Format
614
Web Content Creates a New Graphic in Selected Graphic Store
616
Web Content Opens the Created Graphic for the Purpose of Writing Data
618
Web Content Requests Message(s) in Preferred Format from the Web Server Containing the Desired Graphics
620
To Fig. 6B

Fig. 6B

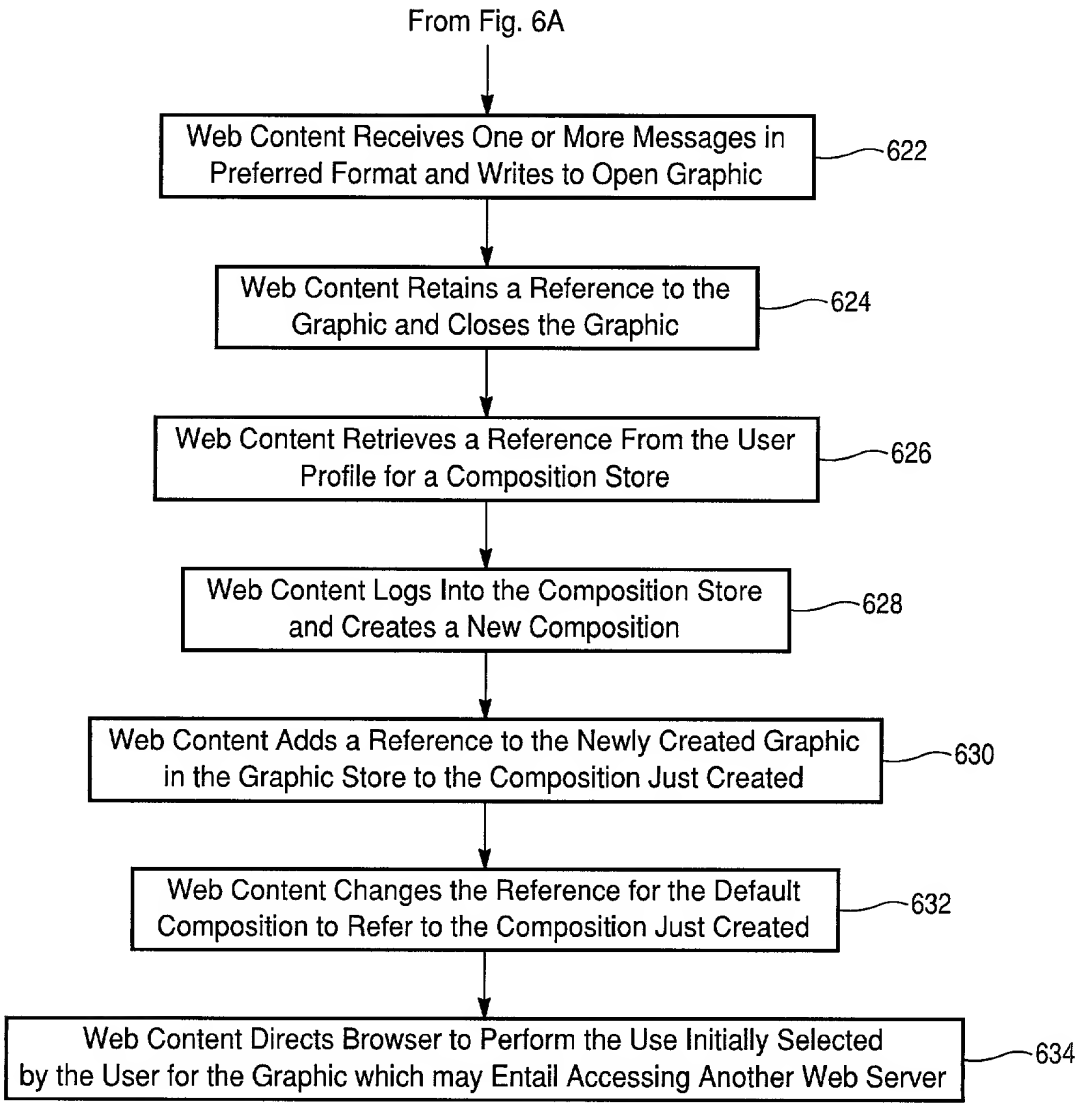
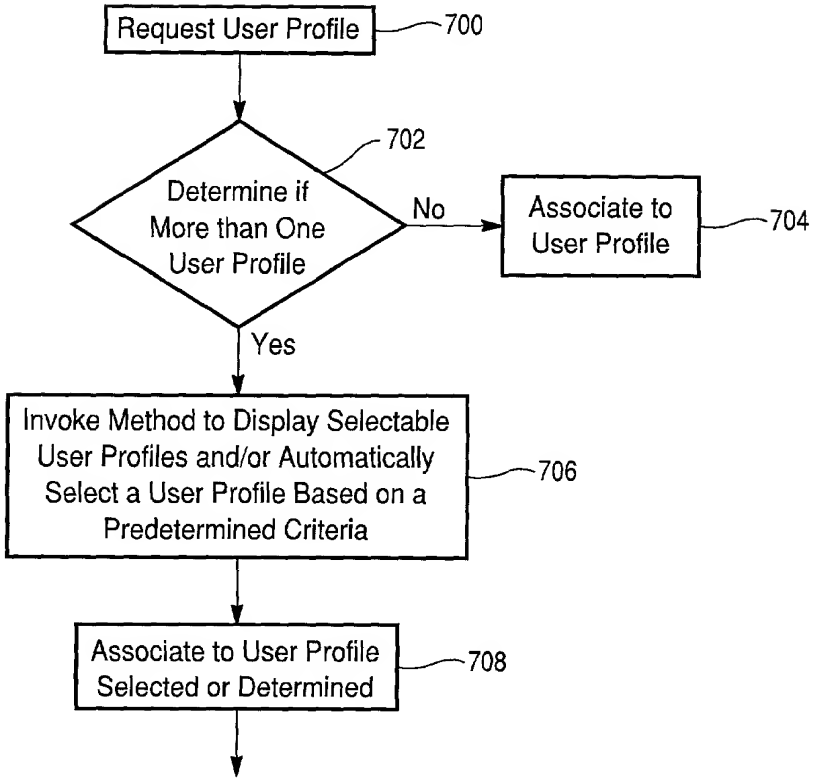

From Fig. 6A
Web Content Receives One or More Messages in Preferred Format and Writes to Open Graphic
622
Web Content Retains a Reference to the Graphic and Closes the Graphic
624
Web Content Retrieves a Reference From the User Profile for a Composition Store
626
Web Content Logs Into the Composition Store and Creates a New Composition
628
Web Content Adds a Reference to the Newly Created Graphic in the Graphic Store to the Composition Just Created
630
Web Content Changes the Reference for the Default Composition to Refer to the Composition Just Created
632
Web Content Directs Browser to Perform the Use Initially Selected by the User for the Graphic which may Entail Accessing Another Web Server
634

Fig. 7


Request User Profile
700
Determine if More than One User Profile
702
No
Associate to User Profile
704
Yes
Invoke Method to Display Selectable User Profiles and/or Automatically Select a User Profile Based on a Predetermined Criteria
706
Associate to User Profile Selected or Determined
708

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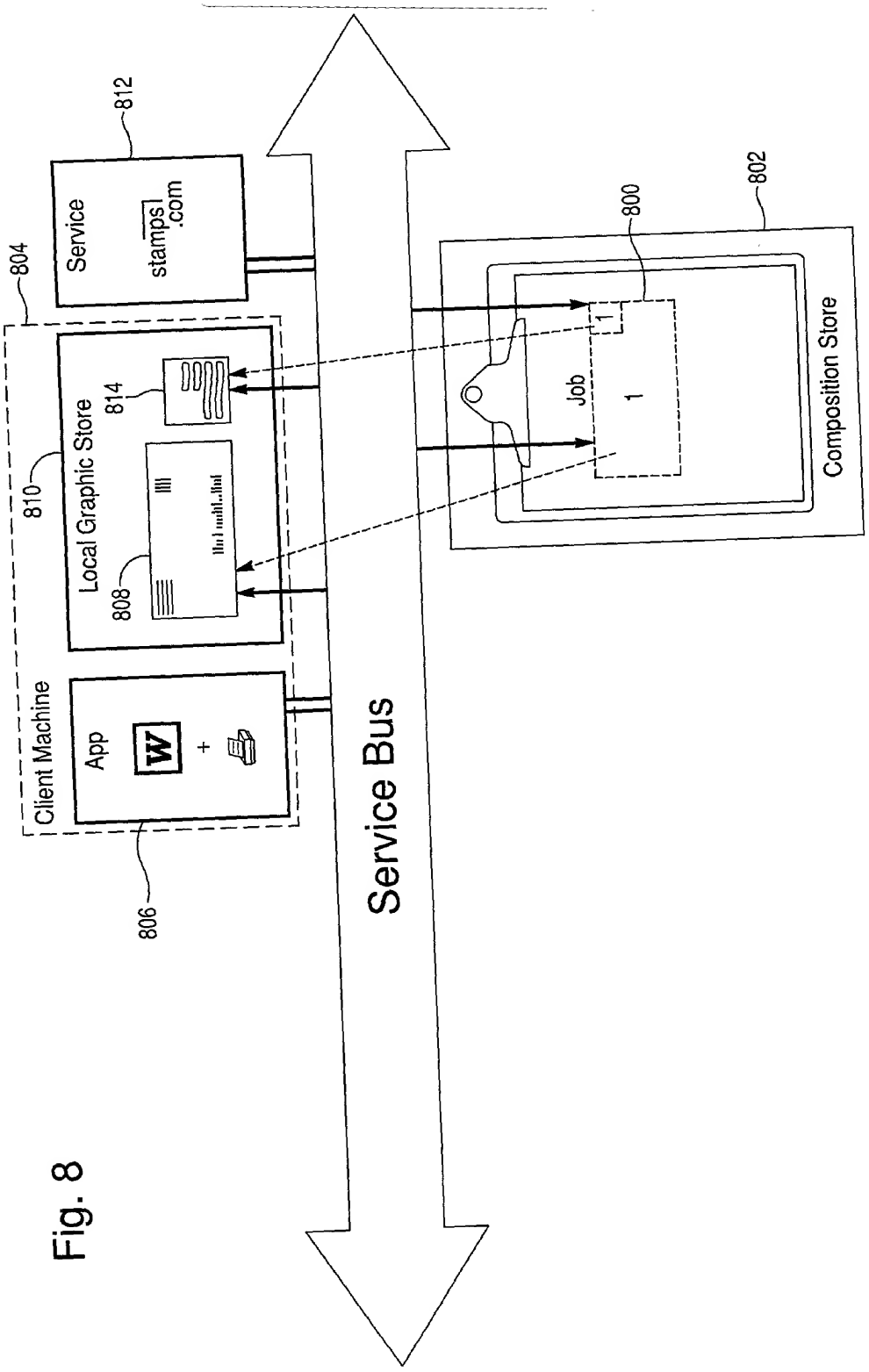

Fig. 8

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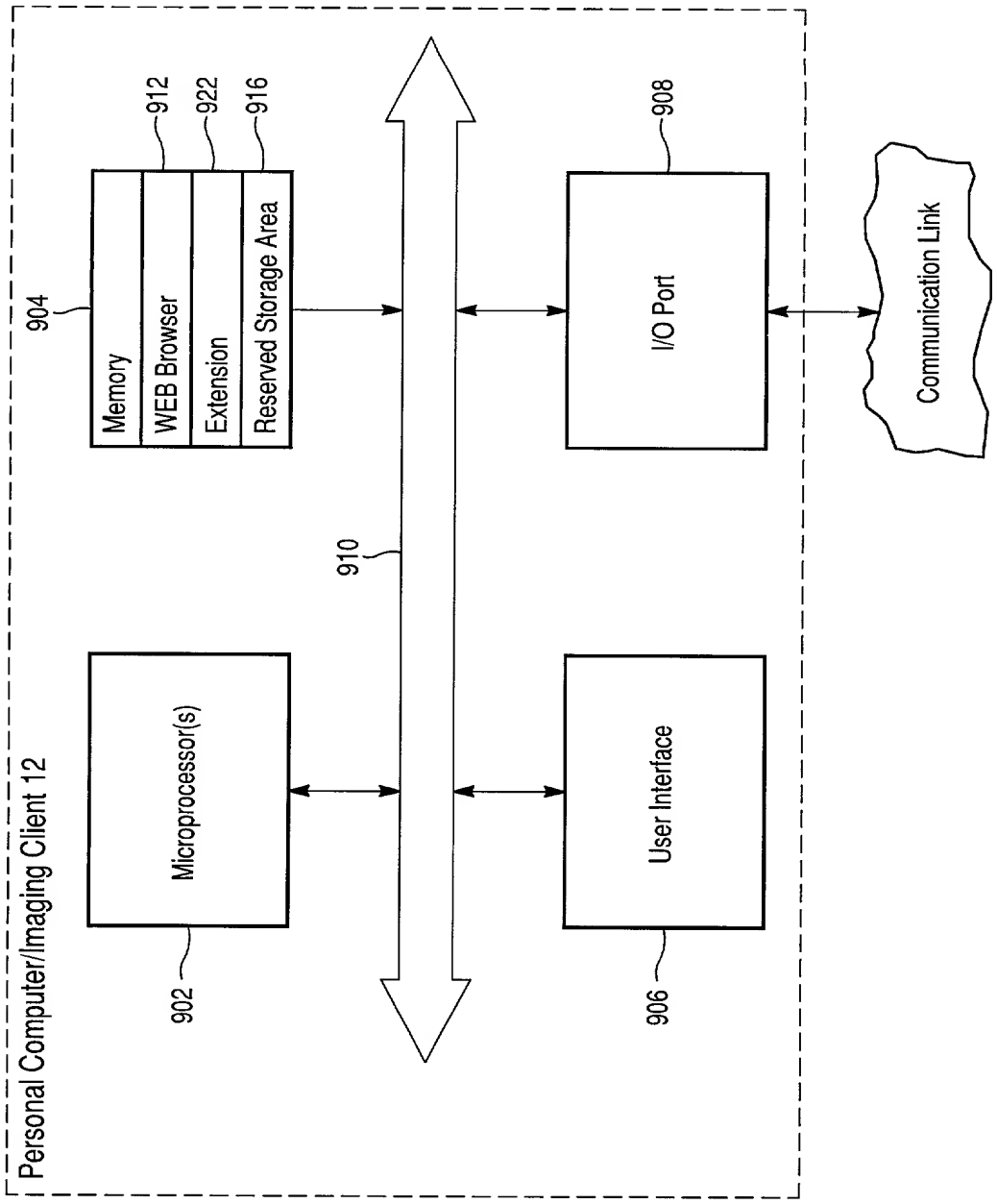

Fig. 9

Title: VARIABLE DATA
PRINTING WITH WEB BASED
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Inventor(s): Shell SIMPSON et al.
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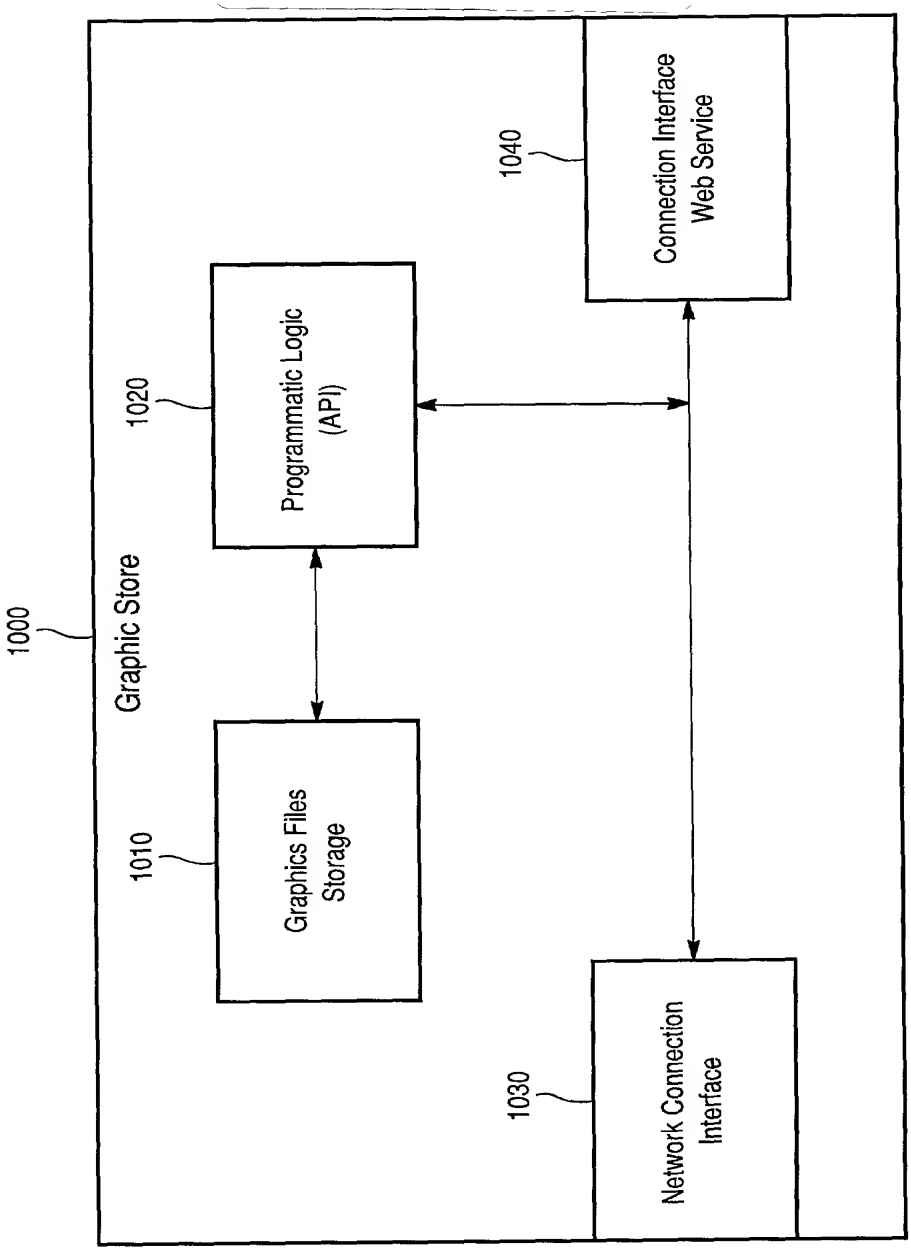

Fig. 10

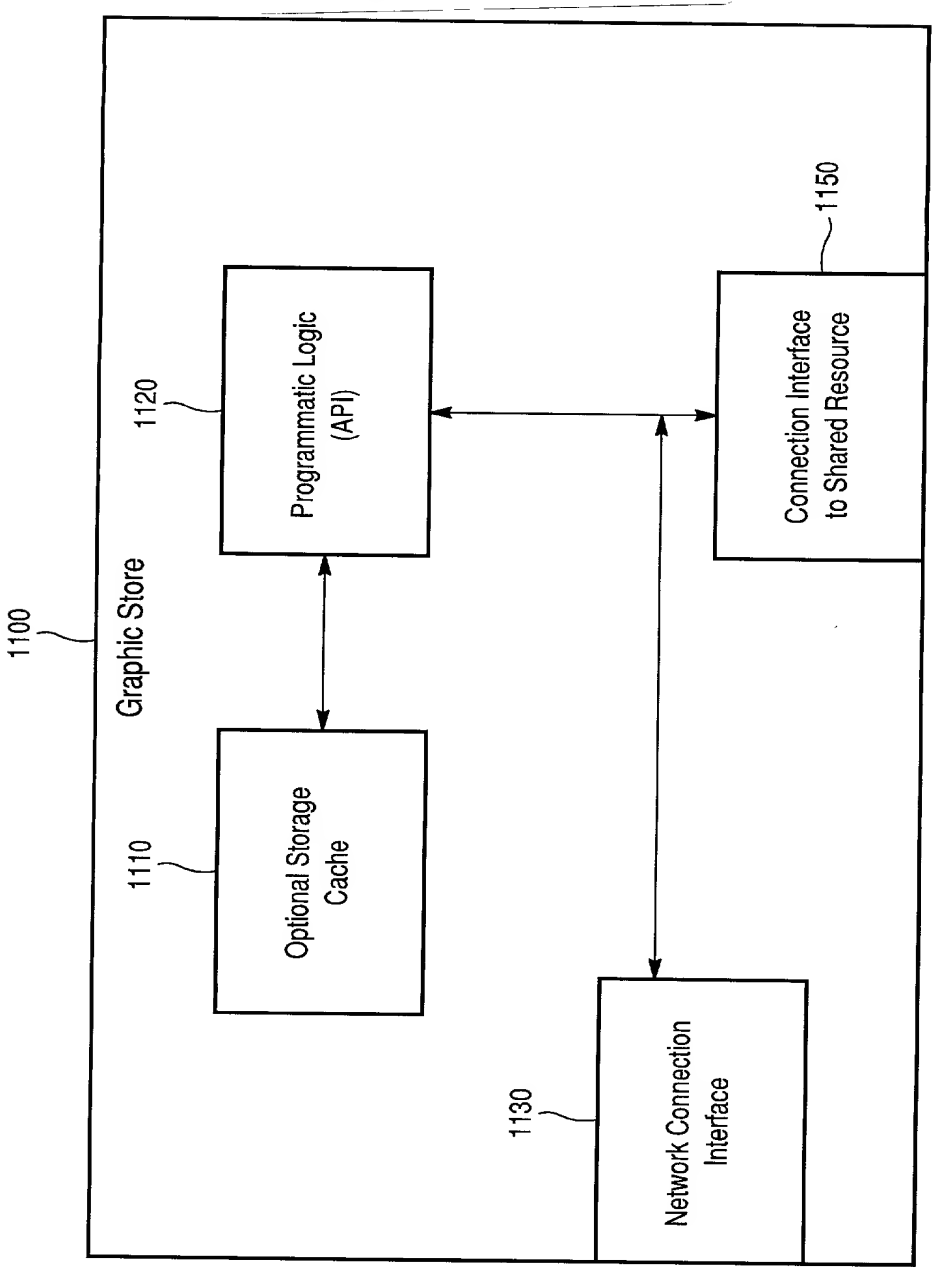
1100
Graphic Store
1120
Programmatic Logic
(API)
1150
Connection Interface
to Shared Resource
1110
Optional Storage
Cache
1130
Network Connection
Interface

Fig. 11

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Fig. 12

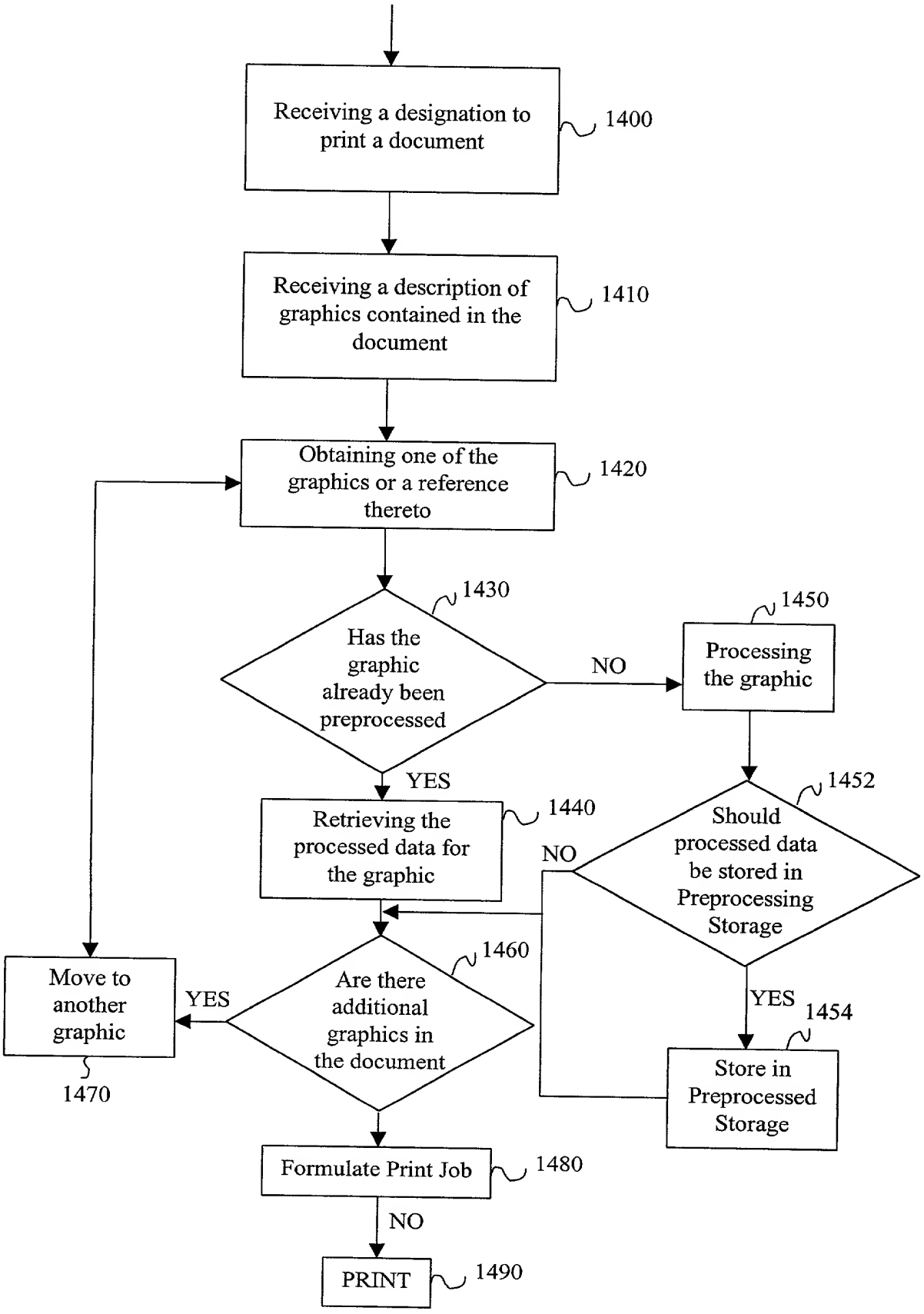

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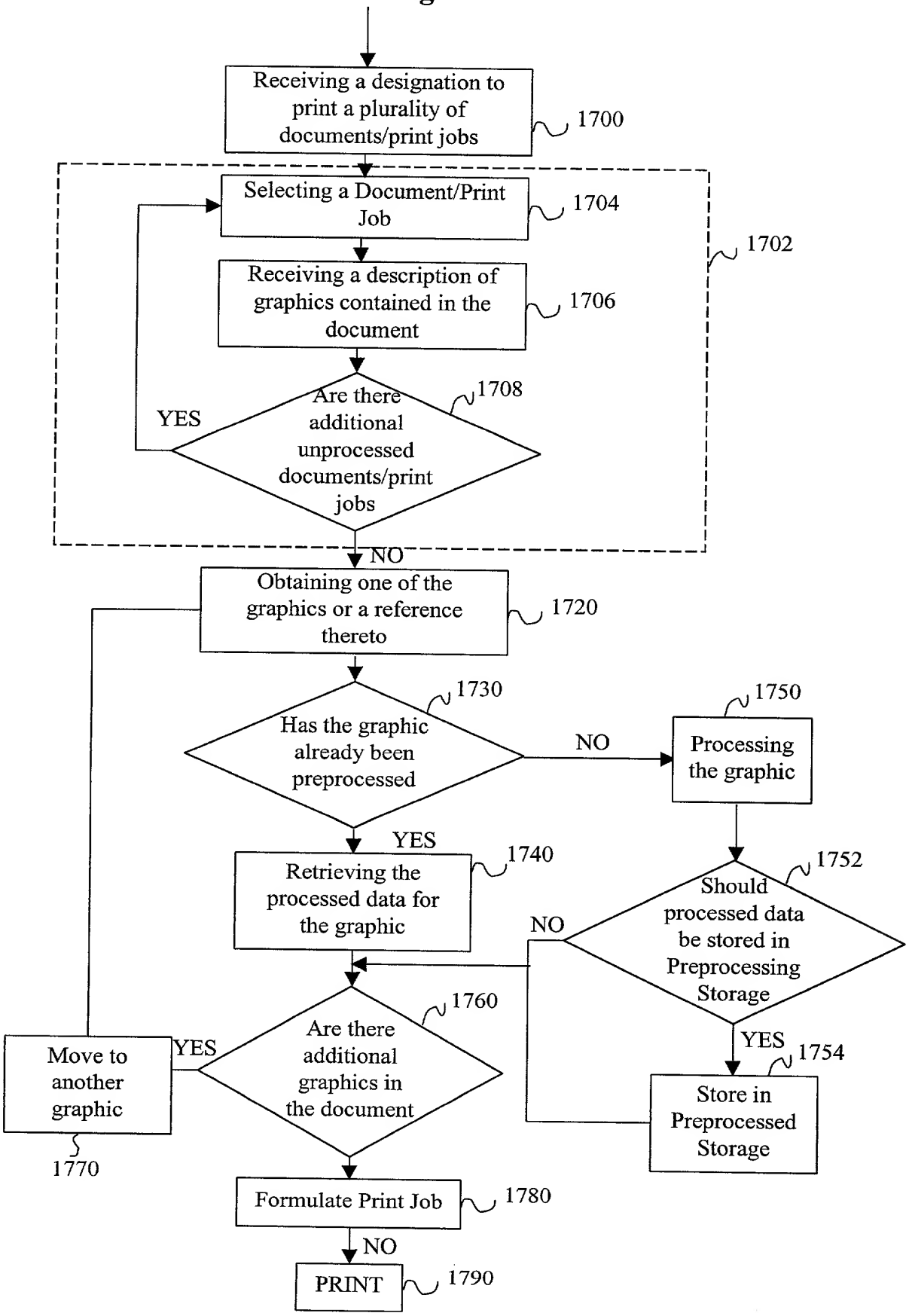
Fig. 13



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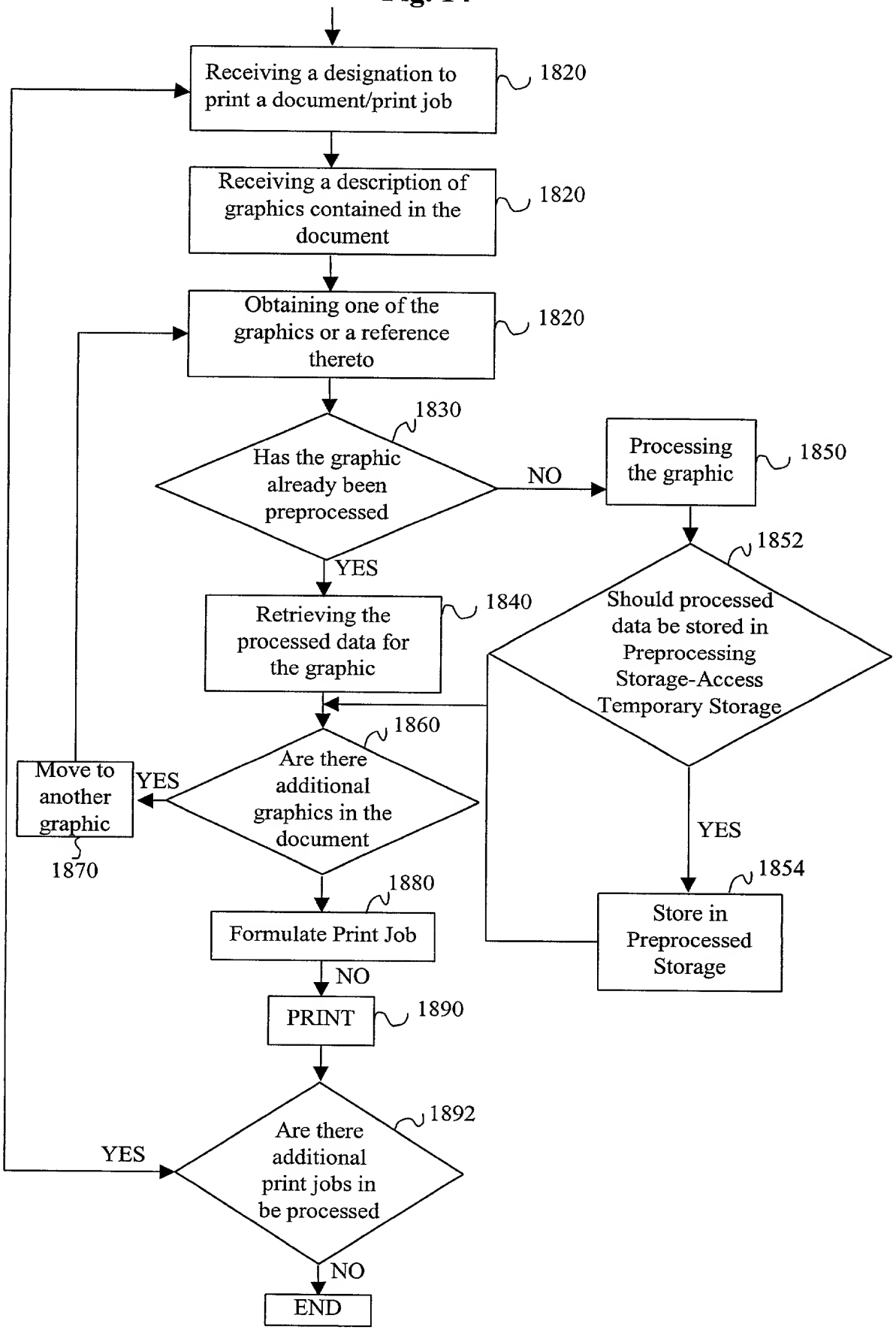
Fig. 14